

CLAIMS

What is claimed is:

- 5 1. A cordless telephone, comprising:
a remote handset;
a base unit matched to said remote handset; and
a digital audio bit stream player integrated within at least one
of said remote handset and said base unit.
- 10 2. The cordless telephone according to claim 1, wherein:
said digital audio bit stream player is integrated within said
remote handset.
- 15 3. The cordless telephone according to claim 1, wherein:
said digital audio bit stream player is an MPEG audio player.
- 20 4. The cordless telephone according to claim 3, wherein:
said MPEG audio player is an MP3 player.
- 25 5. The cordless telephone according to claim 2, wherein:
said digital audio bit stream player is an MP3 player.
- 30 6. A method of integrating a digital bit stream music player
in a cordless telephone, comprising:
playing MP3 music from a remote handset of a cordless
telephone.
7. The method of integrating a digital bit stream music
player in a cordless telephone according to claim 6, wherein:
said MP3 music is pre-loaded before said step of playing.

8. The method of integrating a digital bit stream music player in a cordless telephone according to claim 7, wherein:

5 said MP3 music is played substantially real-time as it is received by said cordless telephone.

9. The method of integrating a digital bit stream music player in a cordless telephone according to claim 6, further comprising:

10 muting said playing of said pre-loaded MP3 music when said remote handset is active in a current telephone call.

10. The method of integrating a digital bit stream music player in a cordless telephone according to claim 8, wherein:

15 said muting pauses said playing of said pre-loaded MP3 music.

11. The method of integrating a digital bit stream music player in a cordless telephone according to claim 6, further comprising:

20 downloading digital bit stream music to said remote handset from a remote bit stream audio source.

12. The method of integrating a digital bit stream music player in a cordless telephone according to claim 11, further comprising:

25 storing said downloaded digital bit stream music in a base unit of said cordless telephone.

13. The method of integrating a digital bit stream music player in a cordless telephone according to claim 11, further comprising:

30 storing said downloaded digital bit stream music in said remote handset of said cordless telephone.

14. The method of integrating a digital bit stream music player in a cordless telephone according to claim 13, wherein:

5 said downloaded digital bit stream music is stored in Flash memory in said remote handset.

15. The method of integrating a digital bit stream music player in a cordless telephone according to claim 11, wherein:

10 said remote bit stream audio source is accessible by said remote handset via an Internet.

16. The method of integrating a digital bit stream music player in a cordless telephone according to claim 11, wherein:

15 said digital bit stream music is comprised in an MPEG format.

17. The method of integrating a digital bit stream music player in a cordless telephone according to claim 16, wherein:

20 said MPEG format is an MP3 format.

18. Apparatus for integrating a digital bit stream music player in a cordless telephone, comprising:

25 means for playing pre-loaded MP3 music from a remote handset of a cordless telephone.

19. The apparatus for integrating a digital bit stream music player in a cordless telephone according to claim 18, further comprising:

30 means for muting said playing of said pre-loaded MP3 music when said remote handset is active in a current telephone call.

20. The apparatus for integrating a digital bit stream music player in a cordless telephone according to claim 19, wherein:

said means for muting pauses said playing of said pre-loaded MP3 music.

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21. The apparatus for integrating a digital bit stream music player in a cordless telephone according to claim 18, further comprising:

means for downloading digital bit stream music to said remote handset from a remote bit stream audio source.

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22. The apparatus for integrating a digital bit stream music player in a cordless telephone according to claim 21, further comprising:

means for storing said downloaded digital bit stream music in a base unit of said cordless telephone.

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23. The apparatus for integrating a digital bit stream music player in a cordless telephone according to claim 21, further comprising:

means for storing said downloaded digital bit stream music in said remote handset of said cordless telephone.

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24. The apparatus for integrating a digital bit stream music player in a cordless telephone according to claim 23, wherein:

said means for storing stores said downloaded digital bit stream music in Flash memory in said remote handset.

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25. The apparatus for integrating a digital bit stream music player in a cordless telephone according to claim 21, wherein:

said remote bit stream audio source is accessible by said remote handset via an Internet.

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26. The apparatus for integrating a digital bit stream music player in a cordless telephone according to claim 21, wherein:

said digital bit stream music is comprised in an MPEG format.

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27. The apparatus for integrating a digital bit stream music player in a cordless telephone according to claim 26, wherein:

said MPEG format is an MP3 format.

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28. The apparatus for integrating a digital bit stream music player in a cordless telephone according to claim 21, further comprising:

means for decompressing MPEG formatted music into digital music samples for digital to analog output.

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